

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-7 (Canceled)

8 (Previously amended). A mixed sequence oligonucleotide or oligonucleotide analog including more than one 2'-modified 2'-deoxyfuranosyl moiety wherein said modification comprises substitution by halo, azido, amino, alkoxy, thioalkoxy, alkylamino, or alkyl, and wherein one of said 2'-modified 2'-deoxyfuranosyl moieties is different from another of said 2'-modified 2'-deoxyfuranosyl moieties.

9 (Previously amended). The mixed sequence oligonucleotide or oligonucleotide analog of claim 8, wherein one of said 2'-modified 2'-deoxyfuranosyl moieties comprises substitution by halo, azido, amino, thioalkoxy, alkylamino or alkyl and another of said 2'-modified 2'-deoxyfuranosyl moieties comprises substitution by alkyloxy.

10 (Previously amended). The mixed sequence oligonucleotide or oligonucleotide analog of claim 8, wherein one of said 2'-modified 2'-deoxyfuranosyl moieties comprises substitution by halo, azido, amino, thioalkoxy or alkyl and another of said 2'-modified 2'-deoxyfuranosyl moieties comprises substitution by methoxy.

11 (Previously amended). The mixed sequence oligonucleotide or oligonucleotide analog of claim 8, wherein alkyl comprises a straight or branched chain alkyl.

**DOCKET NO.: ISIS-4943**  
**Application No.: 09/996,263**  
**Office Action Dated:** August 12, 2003

**PATENT**

12 (Previously amended). The mixed sequence oligonucleotide or oligonucleotide analog of claim 11, wherein alkyl includes unsaturation within the alkyl carbon chain.

13 (Previously added). The mixed sequence oligonucleotide of claim 8 wherein said oligonucleotide is a nuclease resistant oligonucleotide.